INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/21499

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : F22B 3/06 US CL : 122/26; 126/247; 237/12.3 R According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 122/26; 126/247; 237/12.3 R Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A, P	US 6,595,759 B2 (CROSTA et al) 22 July 2003 (22.07.2003), SEE Figures 1 & 3A		1-34
A	US 4,779,575 A (PERKINS) 25 October 1988 (25.10.1988), See Figures 1-3		1-34
х	US 5,957,122 A (GRIGGS) 28 September 1999 (28.09.1999), See Figure 1 and columns 4 & 5		31, 32
Furthe	er documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
priority date claimed			
Date of the actual completion of the international search		25 MAY	2005
19 March 2005 (19.03.2005) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Ira Lazarus Telephone No. (703) 308-0861	K Jaj

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